

IN THE CLAIMS

Please make the following changes to the claims:

1. (Original) A molecular composite composed of a core molecule having one or more active sites, and having a plurality of smaller labile residues reversibly attached to the core molecule, the attachment of said labile residues causing an alteration of the ability of the core molecule to provide the activity associated with said active site or sites, the labile residue or residues being dissociable from the core molecule by exposure of the molecular composite to electromagnetic energy so as to result in at least restoration of the activity associated with said active site (s).

2. (Canceled)

3. (Canceled)

4. (Canceled)

5. (Canceled)

6. (Canceled)

7. (Canceled)

8. (Canceled)

9. (Canceled)

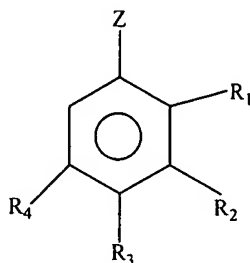

10. (Canceled)

11. (Canceled)

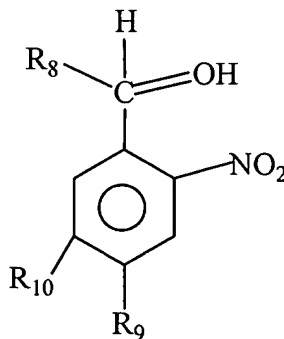
12. (Canceled)

13. (Canceled)

14. (Canceled)

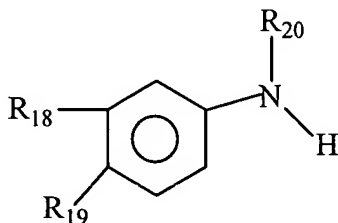


R
R
-CH- where R = H or CH₃; -S-; or -N- with R, = lower alkyl group, cyclohexyl, or an aryl groups
such as benzyl or -CH₂-C₆H₆.

O=C(R8)c1cc(R9)cc(R10)cc1[N+](=O)[O-]

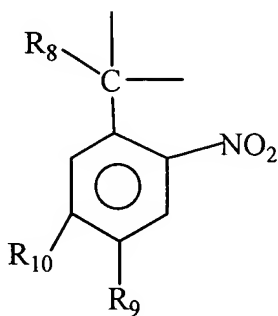
wherein $R_8 = H, CH_3, C_2H_5$; o-nitrobenzyl, phenyl; and R_9 and R_{10} are, independently, H or $-OCH_3$, or sites for irreversible protein or antibody coupling.

17. A product or a method according to ~~Claims 1 to 14~~ claim 1 wherein said electromagnetically labile residue comprises



wherein R_{18} and R_{19} are, independently, H or $-OCH_3$, and R_{20} is CH_3, C_4H_9 , cyclohexyl, benzyl or phenyl- CH_2 -.

18. (Currently Amended) A product or a method according to ~~Claims 1 to 14~~ claim 1 wherein said electromagnetically labile residue comprises



With $R_8 = H, CH_3$ or C_2H_5 and R_9 and $R_{10} = OCH_3$.

19. (New) An antibody to which is attached a labile residue or residues which reduce the ability of the antibody to bind to its binding partner, the labile residue or residues being able to be disassociated from the antibody by exposure to electromagnetic radiation to restore binding ability of the antibody.

20. (New) An antibody according to claim 1, wherein the labile residue is 2-nitrobenzyloxycarbonyl.
21. (New) The antibody according to claim 19 wherein the labile residue or residues is 2-nitrobenzyloxycarbonyl.
22. (New) The composite according to claim 1 wherein the electromagnetic radiation is visible or uv light.
23. (New) The antibody according to claim 19 wherein the electromagnetic radiation is uv light.